

METHODS AND APPARATUS FOR GENERATING NETWORK TOPOLOGY INFORMATION

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Abstract of the Disclosure

According to a specific embodiment of the present invention, methods and
10 apparatus are disclosed for generating network topology information. A first link state
packet associated with a first node is identified. A second link state packet associated
with a second node is identified. Network topology information associated with the
first node is generated using information from the first link state packet. Verification of
two-way connectivity between the first node and the second node is deferred until
15 analysis of the second link state packet is initiated for generating network topology
information associated with the second node.